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0472 U.S. PTO
013004

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	306.43467X00
First Inventor	BREDE, UWE
Title	PYROMECHANICAL SEPARATING ELEMENT
Express Mail Label No.	

APPLICATION ELEMENTS
SEE MPEP chapter 600 concerning utility patent application contents.

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages: 7]
(preferred arrangement set forth below)
-Descriptive title of the invention
-Cross Reference to Related Applications
-Statement Regarding Fed sponsored R & D
-Reference to sequence listing, a table, or a computer program listing appendix
-Background of the Invention
-Brief Summary of the Invention
-Brief Description of the Drawings (if filed)
-Detailed Description
-Claim(s)
-Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets: 4]

5. Oath or Declaration [Total Sheets: _____]
a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)

6. Application Data Sheet. See 37 CFR 1.76

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. CD-ROM or CD-R (2 copies); or
ii. paper
c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & documents(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: **Eigs. 1-4, Credit Card Payment Form**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner: _____ Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number	020457		OR <input type="checkbox"/> Correspondence address below	
Name	ANTONELLI, TERRY, STOUT & KRAUS, LLP			
Address				
City		State		Zip Code
Country		Telephone	(703) 312-6600	Fax
Name (Print/Type)	Alan E. Schiavelli		Registration No. (Attorney/Agent)	32,087
Signature			Date	January 30, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

16834 U.S. PTO
10/17/2004 173

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 770.00)

Complete if Known

Application Number	
Filing Date	January 30, 2004
First Named Inventor	BREDE, UWE
Examiner Name	
Art Unit	
Attorney Docket No.	306.43467X00

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Other None Order

 Deposit Account:

Deposit Account Number	01-2135
Deposit Account Name	Antonelli, Terry, Stout & Kraus, LLP

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) during the pendency of this application. Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Fee	Fee	Small Entity	Fee	Fee	Fee Description
Code	(\\$)	Code	(\\$)	Code	(\\$)	
1001	770	2001	385	Utility filing fee		
1002	340	2002	170	Design filing fee		
1003	530	2003	265	Plant filing fee		
1004	770	2004	385	Reissue filing fee		
1005	160	2005	80	Provisional filing fee		

SUBTOTAL (1) 770.00

Fee Paid

770.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Fee from Extra Claims below			Fee Paid
Total Claims	-20** = 0	x 18	= 0
Indep. Claims	1	-3** = 0	x 86 = 0
Multiple Dependent			
Large Entity	290	= 0	
Small Entity			
Fee	Fee	Fee	Fee Description
Code (\$)	Code (\$)	Code (\$)	
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) \$ 0.00			

**or number previously paid, if greater; For Reissues, see above.

3. ADDITIONAL FEES

Large Entity	Fee	Fee	Small Entity	Fee	Fee	Fee Description
Code	Code (\$)	Code (\$)	Code	Code (\$)	Code (\$)	
1051	130		2051	65		Surcharge – late filing fee or oath
1052	50		2052	25		Surcharge – late provisional filing fee or cover sheet
1053	130		1053	130		Non-English specification
1812	2,520		1812	2,520		For filing a request for ex parte reexamination
1804	920*		1804	920*		Requesting publication of SIR prior to Examination action
1805	1,840*		1805	1,840*		Requesting publication of SIR after Examiner action
1251	110		2251	55		Extension for reply within first month
1252	420		2252	210		Extension for reply within second month
1253	950		2253	475		Extension for reply within third month
1254	1,480		2254	740		Extension for reply within fourth month
1255	2,010		2255	1,005		Extension for reply within fifth month
1401	330		2401	165		Notice of Appeal
1402	330		2402	165		Filing a brief in support of an appeal
1403	290		2403	145		Request for oral hearing
1451	1,510		1451	1,510		Petition to institute a public use proceeding
1452	110		2452	55		Petition to revive – unavoidable
1453	1,330		2453	665		Petition to revive – unintentional
1501	1,330		2501	665		Utility issue fee (or reissue)
1502	480		2502	240		Design issue fee
1503	640		2503	320		Plant issue fee
1406	130		1460	130		Petitions to the Commissioner
1807	50		1807	50		Processing fee under 37 CFR 1.17(q)
1806	180		1806	180		Submission of Information Disclosure Stmt
8021	40		8021	40		Recording each patent assignment per property (times number of properties)
1809	770		2809	385		Filing a submission after final rejection (37 CFR § 1.129(a))
1810	770		2810	385		For each additional invention to be examined (37 CFR § 1.129(b))
1801	770		2801	385		Request for Continued Examination (RCE)
1802	900		1802	900		Request for expedited examination of a design application
Other fee (specify) _____						

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

0.00

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Alan E. Schiavelli	Registration No. (Attorney/Agent)	32,087	Telephone	703-312-6600
Signature				Date	01/30/2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450